



APPENDIX

1. A balancing device for a tire mounted to a wheel, said balancing device comprising:

a case having at least one surface thereon; and
not separate
a single balancing weight enclosed in said case, said at least one surface of said case having means for mounting said case to said tire.
2. A device according to claim 1, wherein said balancing weight is made of a lead material.
3. A device according to claim 1, wherein said balancing weight is made of iron alloy.
4. A device according to claim 1, wherein said balancing weight is made of zinc and aluminum alloy.
5. A device according to claim 1, wherein said balancing weight is made of plastic material.
6. A device according to claim 1, wherein said at least one surface includes a convex portion.
7. A device according to claim 1, wherein said at least one surface includes a concave portion.
8. A device according to claim 1, wherein said at least one surface is at least substantially an arc segment of a cylinder.
9. A device according to claim 1, wherein said balancing weight has an approximately rectangular cross section.
10. A device according to claim 1, wherein said case has an approximately constant thickness.

RECEIVED

MAY 07 2002

GROUP 3600

11. A device according to claim 1, wherein said case is made of a flexible material.

12. A device according to claim 1, wherein said case further comprises sections and said balancing weight further comprises passages, said sections passing through said passages of said balancing weight.

13. A device according to claim 1, wherein said case is glued to a surface of said balancing weight.

14. A device according to claim 1, wherein said at least one surface is delimited by borders that define edges.

15. A device according to claim 1, wherein said at least one surface is pre-coated with glue.

16. A device according to claim 1, wherein said device further comprises a tape attached to said at least one surface, the surfaces of said tape being coated with adhesive.

17. A device according to claim 1, wherein said case is black.

18. A device according to claim 1, wherein said case is white.

19. A device according to claim 1, wherein said case is green.

20. A wheel assembly including a rim having an axis, a tire and a balancing device, said balancing device comprising:

a case having at least one surface thereon; and

a single balancing weight enclosed in said case, said at least one surface of said case being firmly mounted to a surface of a side of said tire.

21. A wheel assembly according to claim 20, wherein at least one said balancing device is mounted to each side of said tire.

22. A wheel assembly according to claim 20, wherein said balancing device is mounted along a side of said tire close to said rim.
23. A wheel assembly according to claim 20, wherein said tire further comprises a section of maximum width, said balancing device being mounted radially between said rim and said section of maximum width.
24. A wheel assembly according to claim 20, wherein said tire further comprises an inboard sidewall and an outboard sidewall, said balancing device being radially mounted along said inboard sidewall.
25. A wheel assembly according to claim 20, wherein said tire further comprises an inboard sidewall and an outboard sidewall, said balancing device being radially mounted along said outboard sidewall.
26. A wheel assembly according to claim 20, wherein said tire further comprises a circumferential groove therein, said balancing device being engaged in said circumferential groove.
27. A wheel assembly according to claim 20, wherein said rim further comprises an edge thereon and a circumferential groove defined between said tire and said edge of said rim, said balancing device being engaged in said circumferential groove.
28. A wheel assembly according to claim 20, wherein said balancing device is firmly mounted to said tire by gluing.